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## WHAT IS CLAIMED IS:

I. A magnetically configurable adjuster device for trimming a circuit of a packaged integrated circuit (IC) chip to which the magnetically configurable adjuster device is coupled, the magnetically configurable adjuster device comprising:

a Hall element, wherein the Hall element can sense a magnetic field that is applied onto the packaged IC chip to trim the circuit of the packaged IC chip, and generate a corresponding voltage signal;

a signal processor and amplifier device that is connected to the Hall element, wherein the signal processor and amplifier device receives and amplifies the voltage signal from the Hall element;

a decoder that is connected to the signal processor and amplifier device, wherein the decoder receives the voltage signal amplified by the signal processor and amplifier device and outputs a plurality of corresponding decoded signals; and

a configurable adjuster that is connected to the decoder, wherein the configurable adjuster includes a plurality of circuit-trimming members and a plurality of electrically configurable elements which configurations can be modified by the decoded signals so as to accomplish a desired circuit trimming of the packaged IC chip via the circuit-trimming members.

- 2. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include a metal fuse.
- 3. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include a poly-fuse.
- 4. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include a zapped diode.

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- 5. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include an Electrically Programmable Read Only Memory (EPROM) device.
- 6. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include an Electrically Erasable and Programmable Read Only Memory (EEPROM) device.
- 7. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include an amorphous silicon-based fuse.
- 8. The magnetically configurable adjuster device of claim 1, wherein the electrically configurable elements include an oxide/nitride/oxide (ONO) based antifuse.
- 9. The magnetically configurable adjuster device of claim 1, wherein the circuit-trimming members include a resistor.
- 10. A method for trimming a circuit of a packaged integrated circuit (IC) chip, wherein the packaged IC chip is provided with a magnetically configurable adjuster device for circuit trimming, the method comprising:

testing the circuit of the packaged IC chip to obtain a responsive output signal thereof; and

according to the response of the output signal, applying a magnetic field to trim the circuit of the packaged IC chip by Hall effect so that a desired output signal is obtained.

- 11. An installation for trimming a circuit of a packaged integrated circuit (IC) chip, the installation comprising:
- a testing apparatus, wherein the testing apparatus tests the circuit of the packaged IC chip to obtain a responsive output signal thereof, and delivers a trim signal

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according to the responsive output signal to command a circuit trimming;

a magnetic field generator that is coupled with the testing apparatus, wherein the magnetic field generator receives the trim signal and generates a magnetic field in accordance with the trim signal, wherein the magnetic field is applied on the packaged IC chip; and

a magnetically configurable adjuster device electrically coupled with the circuit of the packaged IC chip, wherein the magnetically configurable adjuster device further includes a Hall element, a decoder, a plurality of electrically configurable elements, and a plurality of circuit-trimming members that are coupled with one another in such a manner that the magnetic field generates a resulting electrical signal that configure the electrically configurable elements to obtain a desired circuit trimming of the packaged IC chip via the circuit-trimming members.

- 12. The installation of claim 11, wherein the electrically configurable elements include a metal fuse.
- 13. The installation of claim 11, wherein the electrically configurable elements include a poly-fuse.
- 14. The installation of claim 11, wherein the electrically configurable elements include a zapped diode.
- 15. The installation of claim 11, wherein the electrically configurable elements include an Electrically Programmable Read Only Memory (EPROM) device.
- 16. The installation of claim 11, wherein the electrically configurable elements include an Electrically Erasable and Programmable Read Only Memory (EEPROM) device.
  - 17. The installation of claim 11, wherein the electrically configurable elements

include an amorphous silicon-based fuse.

- 18. The installation of claim 11, wherein the electrically configurable elements include an oxide/nitride/oxide (ONO) based antifuse.
- 19. The installation of claim 11, wherein the circuit-trimming members include a resistor.
  - 20. A method for trimming a circuit of a packaged IC chip by using a magnetic field, wherein a configurable adjuster for circuit trimming is coupled with the circuit of the packaged IC chip, and further includes a plurality of configurable elements and circuit-trimming members, the method comprising:

sensing the magnetic field;

generating a voltage signal from the sensed magnetic field by Hall effect; and decoding the voltage signal into a plurality of decoded signals that configure the configurable elements so as to obtain a desired circuit trim of the packaged IC chip via the circuit-trimming members.